

SHOP DRAWING & SUBMITTAL LOG

LA OLSON & ASSOCIATES, INC. 406-294-2244

2526 GRAND AVENUE

BILLINGS, MONTANA 59102 FAX 406-294-2248

BLACKFEET COMMUNITY HOSPITAL

C168

Expansion & Renovation – Phases 1 & 2 Browning, Montana

28-Aug-00

SUBMITTAL	CSI Division	DESCRIPTION	Received	Consultant	RETURNED	ACTION	Remarks
01	02720	Concrete manholes	19 Nov 99	engr inc.	3 Dec 99	2	
02	08110	Steel doors & frames	19 Nov 99		2 Dec 99	2	missing samples
02	08211	Flush wood doors	19 Nov 99		2 Dec 99	2	missing samples
02	08212	Stile & rail wood doors	19 Nov 99		2 Dec 99	2	missing samples
02	08510	Steel windows	19 Nov 99		2 Dec 99	3	wrong item
O2a	08110	Steel doors and frames samples	17 Jan 00		18 Jan 00	4	
O2a	08211	Flush wood doors – samples	17 Jan 00		18 Jan 00	1	
O2a	08212	Stile and rail wood doors - samples	17 Jan 00		18 Jan 00	2	
02-R1	08510/08212	Steel windows and stile & rail doors	3 Apr OO		3 Apr 00	2/3	
02-R1a	08212	Stile & rail wood doors	9 May OO		10 May 00	N/A	
02-R2	08110	Steel doors and frames – samples	11 Apr 00		11 Apr 00	1	
02-R3	08510/08212	Steel windows and stile & rail doors	7 June 00		8 June 00	3/4	
03	09652	Sheet vinyl flooring	29 Nov 99		30 Nov 99	preliminary	incomplete
03	09653	Resilient wall base & accessories	29 Nov 99		30 Nov 99	preliminary	clarification 04
03	09680	Carpet	29 Nov 99		30 Nov 99	preliminary	
03a	09652	Sheet vinyl flooring, follow-up	21 Jan 00		25 Jan 00	1/2/4	
03a	09653	Resilient wall base, follow-up	21 Jan 00		25 Jan 00	1/2	
O3a	09680	Carpet, follow-up	21 Jan 00		25 Jan 00	1/2/4	
O3b	09652	Sheet vinyl flooring, sample	1 Feb 00		2 Feb 00	1	
03-R1	09652/53/80	Sheet vinyl flooring/carpet/accessories	14 Feb 00		14 Feb 00	1/4	
03-R2	09652	Sheet vinyl flooring, sample for custom patte			18 July 00	1	

BILLINGS, MONTANA 59102 LA OLSON & ASSOCIATES, INC. 2526 GRAND AVENUE

BLACKFEET COMMUNITY HOSPITAL

EXPANSION & RENOVATION – PHASES 1 & 2

SUBMITTAL	CSI Division	Description	Received	Consultant	RETURNED	Action	Remarks
04	12690	Recessed floor mats	30 Nov 99		30 Nov 99	3	
O4a	12690	Recessed floor mats follow-up (logo waiver)	15 Dec 99	ihs	21 Dec 99	2	clarification O4
O4b	12690	Recessed floor mats follow-up letter	14 Jan 00		N/A	5	
04-R1	12690	Recessed floor mats	16 Aug 00		16 Aug 00	4	change of manuf.
05	10155	Toilet compartments	30 Nov 99		30 Nov 99	3	
05-R1	10155	Toilet compartments	7 Jan OO		7 Jan OO	4	
05-R2	10155	Toilet compartments	21 Feb 00		21 Feb 00	2	
05-R3	10155	Toilet compartments – color samples	25 Feb 00		28 Feb 00	1	
05-R4	10155	Toilet compartment, hardware confirmation	19 June 00		20 June 00	1	
06	04810	Masonry accessories	30 Nov 99		30 Nov 99	1	
07	15628	Chiller (ACC-1)	3 Dec 99		13 Dec 99	4	
07	15835	Hot water heaters (UH-1)	3 Dec 99		13 Dec 99	1	
07	15835	Cabinet heaters (CH-1 thru' CH-7)	3 Dec 99		13 Dec 99	2	
07-R1	15628	Chiller (ACC-1)	17 Jan 00		25 Jan 00	2	
08	15845	VAV boxes	3 Dec 99		13 Dec 99	4	
08-R1	15845	VAV boxes	17 Jan 00		25 Jan 00	2	
09	05120	Embeds, angles & anchor bolts – area A	7 Dec 99	cta (s)	22 Dec 99	2	
10	09511	Acoustical panel ceilings	8 Dec 99		9 Dec 99	1/2/3/4	
10-R1	09511	Acoustical panel ceilings	17 Jan 00		19 Jan 00	1/4	no custom pattern
10-R1a	09511	Acoustical panel ceilings	28 Jan 00		28 Jan 00	2	pattern & contact
10-R2	09511	Acoustical panel ceilings	17 Feb 00		17 Feb 00	1	
11	03300	Rebar – areas A & B and misc.	8 Dec 99	cta (s)	15 Dec 99	2	
12	08700	Finish hardware	13 Dec 99		14 Dec 99	2	
12	08720	Door operators	13 Dec 99		14 Dec 99	2	
13	08305	Access doors	15 Dec 99		16 Dec 99	2	
14	10520	Fire protection specialties	15 Dec 99		16 Dec 99	1	missing samples #4/6

LA OLSON & ASSOCIATES, INC. 2526 GRAND AVENUE BILLINGS, MONTANA 59102

BLACKFEET COMMUNITY HOSPITAL

REVIEW CODES:

EXPANSION & RENOVATION – PHASES 1 & 2

SUBMITTAL	CSI Division	Description	Received	Consultant	RETURNED	Action	Remarks
15	10801	Toilet & bath accessories	15 Dec 99		16 Dec 99	2	
15a	10801	Toilet & bath accessories	10 Jan 00		11 Jan 00	2	follow-up
15-R1	10801	Toilet & bath accessories	26 June 00		27 June 00	1	follow-up
16	10190	Cubicle curtains & track	15 Dec 99		16 Dec 99	4	wrong fabric
16-R1	10190	Cubicle curtains & track	17 Jan 00		18 Jan 00	2	
17	05210	Steel joists	16 Dec 99	cta (s)	30 Dec 99	2	
17	05310	Steel deck	16 Dec 99	cta (s)	30 Dec 99	2	
18	15990	Testing, adjusting & balancing	16 Dec 99		30 Dec 99	1	
19	15854	Air handling units (AHU-1, 2, 3 & 4)	16 Dec 99		3 Jan OO	2	
20	15932	Registers, grilles & diffusers	16 Dec 99		30 Dec 99	2	
21	08361	Sectional overhead doors	20 Dec 99		20 Dec 99	2/4	trolley type
21-R1	08361	Sectional overhead doors	17 Jan OO		17 Jan OO	4	trolley type
21-R2	08361	Sectional overhead doors	11 Feb 00		15 Feb 00	1	operators
22	02511	Asphalt mix design	20 Dec 99	engr inc	7 Jan 00	1	
23	10653	Fire rated operable panel partition	21 Dec 99		22 Dec 99	2	
24	04810	Unit masonry prefaced concrete units	21 Dec 99		22 Dec 99	N/A	preliminary
24a	04810	Unit masonry prefaced concrete units	N/A		29 Mar 00	1/4	
24-R1	04810	Unit masonry – grout/mortar mix	15 Aug 00		15 Aug 00	2/4	
25	15140/15181	Domestic water piping/hydronic piping	29 Dec 99		30 Dec 99	1/2/3/4	RFI 09
25-R1	15140/15181	T-drill certification	31 Mar 00		7 Apr 00	1	
26	15440	Plumbing fixtures	29 Dec 99		6 Jan 00	1/2/4	RFI 47 & sub. 15.

BILLINGS, MONTANA 59102 LA OLSON & ASSOCIATES, INC. 2526 GRAND AVENUE

BLACKFEET COMMUNITY HOSPITAL

EXPANSION & RENOVATION – PHASES 1 & 2

SUBMITTAL	CSI DIVISION	DESCRIPTION	Received	Consultant	Returned	Action	Remarks
27	08410/08800	Aluminum entrances/glazing	29 Dec 99		30 Dec 99	preliminary	
27a	08410/08800	Aluminum entrances/glazing	21 Jan 00		24 Jan 00	4	follow-up
27-R1	08410/08800	Aluminum entrances/glazing	15 Feb 00		15 Feb 00	1/4	
27-R2	08410	Aluminum storefront – sealant colors	29 Feb 00		29 Feb 00	2	product change
27-R3a	08410	Aluminum storefront – hardware	6 Mar 00		13 Mar 00	N/A	preliminary
27-R3b	08410	Aluminum storefront – hardware	15 Mar 00		16 Mar 00	N/A	preliminary
27-R3c		Aluminum storefront – panic hardware	16 Mar 00		21 Mar 00	N/A	preliminary
27-R3d	08410	Aluminum storefront – panic hardware	30 Mar 00		30 Mar 00	N/A	preliminary
27-R3e	08410	Aluminum storefront – panic hardware	30 Mar 00		30 Mar 00	N/A	preliminary
27-R3f	08410	Aluminum storefront – exit hardware	11 Apr 00		11 Apr 00	N/A	preliminary
27-R3g		Aluminum storefront – exit hardware	17 Apr 00		17 Apr 00	N/A	preliminary
27-R4	08410	Aluminum storefront	16 June 00		20 June 00	4	
27-R4a			15 August 00		15 August 00	2	verbal only
27-R5	08410	Aluminum storefront (concealed closer)	25 July 00		27 July 00	2	
28	15430	Plumbing specialties	29 Dec 99		6 Jan OO	1/3/4	
28-R1	15430	Plumbing specialties (FD-3 & PMV-1)	25 Feb 00		2 Mar 00	4	
28-R2	15430	Plumbing specialties (FD-3 & PMV-1)	6 Apr 00		7 Apr OO	1/2	
29	15485/15486	Medical gas piping/medical gas equipment	29 Dec 99		7 Jan OO	1/4	
29-R1	15485	Medical gas piping – testing & verification	10 Feb 00		25 Feb 00	1/4	
29-R1	15485/486	Medical gas systems	15 Feb 00		25 Feb 00	1	
Z 7-1\Z	13463/466	ivietical gas systems	13 1 60 00		23 1 60 00	ı	
30	07814	Skylights/canopy	3 Jan 00	cta (s)	20 Jan 00	2	
31	02955	Site furnishings	4 Jan OO		5 Jan 00	2	
31-R1	02955	Site furnishing – finish	27 June 00		27 June 00	1	
0.0	1500/	(155.0.4)			7.1.00		
32 33	15886	High efficiency filters (HEF 3, 4)	6 Jan 00		7 Jan 00 10 Jan 00	1 2	
33	15820/891/932	Duct acc./high eff. take-offs/louver colors/louve	ers 6 Jan 00		TO Jan OO	2	
34	15853	Intake hoods, relief hoods, wall fan, exh. fan	6 Jan 00		11 Jan 00	1	
35	08265/08550	Wood framed glass doors/alum-clad windows	7 Jan OO		7 Jan OO	2	

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EXPANSION & RENOVATION – PHASES 1 & 2

SUBMITTAL	CSI Division	DESCRIPTION	Received	Consultan	t Returned	Action	Remarks
36	06402	Interior architectural woodwork	10 Jan 00		11 Jan 00	preliminary	
36 (2)	06402	Interior architectural woodwork	10 Jan 00		18 Jan 00	. 2	same as above
36a	06402	Interior architectural woodwork	17 Jan 00		18 Jan 00	2	follow-up
36b	06402	Interior architectural woodwork – samples	18 Jan 00		26 Jan 00	2	follow-up #2
36c	06402	Interior architectural woodwork - HPL	24 Jan 00		28 Jan 00	2	follow-up #3
36d	06402	Interior architectural woodwork – HPL-2	2 Feb 00		11 Feb 00	2	follow-up #4
37	08331	Overhead coiling doors	17 Jan 00		17 Jan 00	4	
37a	08331	Overhead coiling doors, follow-up	1 Feb 00		N/A	5	from Limestone
37b	08331	Overhead coiling doors, follow-up 2	7 Feb 00		7 Feb 00	5	information
37-R1	08331	Overhead coiling doors	22 Mar 00	cta (e)	31 Mar 00	2/4	
38 1512	2/185/186/446/453	Meters, gauges, & pumps	17 Jan 00		(26) 28 Jan 00	1/2/4	
38-R1	15185	Pumps (HWP-1 & 2)	25 Feb 00		2 Mar 00	1	
39	05120	Structural steel – area A	17 Jan 00	cta (s)	28 Jan 00	3	
39-R1	05120	Structural steel – area A	28 Feb 00	cta (s)	13 Mar 00	2	plus canopy
39-R2	05120	Structural steel – area A (NOT FOR REVIEW)	27 June 00		N/A	5	direct from WMK
40	10265	Corner guards & handrails	17 Jan 00		17 Jan 00	2	
41	15081/15083	Duct & pipe insulation	17 Jan 00		25 Jan 00	1	
42	05120	Structural steel – area A, part 2	17 Jan 00		28 Jan 00	3	see #39-R1
43	16511	Interior lighting	14 Jan 00	cta (e)	1 Feb 00	1/2/4	from M&M/clar. #11
43-R1	16511	Interior lighting (fixtures 5B and 1C)	5 June 00	cta (e)	19 June 00	2	
44	16140	Wiring devices	14 Jan 00	cta (e)	1 Feb 00	1/2	direct from M&M
45	05400/09255	Cold formed metal framing/light gauge studs	21 Jan 00	cta (s)	28 Jan 00	1/2/3/4	some 09255 (#50)
45-R1	09255	Deflection track	12 June 00		12 June 00	1/4	
45-R2	09255	Control joints	27 June 00		27 June 00	2	
46	05120	Structural steel – area B, imbeds	21 Jan 00	cts (s)	28 Jan 00	2	
47	01300	Submittal register	21 Jan 00		24 Jan 00	5	

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EXPANSION & RENOVATION – PHASES 1 & 2

C168

SUBMITTAL	CSI Division	DESCRIPTION	Received	Consultant	RETURNED	Action	Remarks
48	02070	Demolition plan	21 Jan 00		24 Jan 00	4	
48-R1	02070	Demolition plan	4 Feb 00		15 Feb 00	4	
49	11700	Medical equipment, x-ray viewers	21 Jan 00	ihs	31 Jan 00	2	
49a	11700	Medical equipment, ice machine	28 Jan 00		31 Jan 00	1	
49-R1	11700	Medical equipment, x-ray viewers – sample	3 Mar 00		13 Mar 00	1	
50	09255	Gypsum board & joint treatment	25 Jan 00		25 Jan 00	1/2/4	also see #45
50a	09255	Gypsum board corner bead	1 Feb 00		2 Feb 00	2	
50-R1	09255	Gypsum board corner bead	11 Feb 00		15 Feb 00	5	ASTM confirmation
50-R2	09255	Gypsum board – security mesh	28 Feb 00		28 Feb 00	2	
50-R3	09255	Gypsum board – change of product	29 Feb 00		29 Feb 00	2	James Hardie board
51	07210	Building insulation & vapor retarder	25 Jan 00		25 Jan 00	1/2/3/4	
51-R1	07210	Building insulation – accessories	8 Feb 00		15 Feb 00	1/4	no recycled content
51-R2	07210	Building insulation	22 June 00		27 June 00	1	recycled content
52	02520	Concrete mix design (3000 psi)	25 Jan 00	eng inc.	22 Feb 00	2	also see #95
53	03300	Concrete mix design (4000 psi)	25 Jan 00	cta (s)	28 Jan 00	3	structural concrete
53-R1	03300	Concrete mix design (4000 psi)	18 Feb 00	cts (s)	29 Feb 00	3	submitted 3500 psi
53-R2	03300	Concrete mix design (4000 psi)	21 Mar 00	cta (s)	22 Mar 00	1	also see #69
54	06100	Gypsum sheathing/ sheathing tape/felt	27 Jan 00		31 Jan 00	2	
55	09900	Painting	1 Feb 00		2 Feb 00	2	
56	16139	Cable trays	31 Jan 00	cta (e)	1 Feb 00	1	direct from M&M
57 164	75/442/715/740	Fuses/switchgear/telephone wiring/comm. & data	31 Jan 00	cta (e)	1 Feb 00	1/2/4	from M&M/#59-R1
58	16482	Motor control center	31 Jan 00	cta (e)	1 Feb 00	2	direct from M&M
59	16441	Switchboards	31 Jan 00	cta (e)	1 Feb 00	4	direct from M&M
59-R1	16441	Switchboards (MDP, SDP, panelboards)	28 Feb 00	cta (e)	14 Feb 00	1	
60	05120	Structural steel, area A – canopy	4 Feb 00	cta (s)	11 Feb 00	4	see #39-R1
60-R1	05120	Structural steel, areas A & B – canopies	17 May 00	cta (s)	31 May 00	2	see #39-R1
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REVIEW CODES:

1 = RECOMMEND 2 = RECOMMEND AS CORRECTED

3 = Not Recommended

4 = REVISE & RESUBMIT 5 = NOT REVIEWED 28.08.00

BILLINGS, MONTANA 59102 LA OLSON & ASSOCIATES, INC. 2526 GRAND AVENUE

BLACKFEET COMMUNITY HOSPITAL

EXPANSION & RENOVATION – PHASES 1 & 2

SUBMITTAL	CSI Division	DESCRIPTION	Received	Consultant	Returned	Action	Remarks
61	07410	Aluminum composite panels	16 Feb 00		16 Feb 00	1	
01	07110	Auditinati composite panels	1010000		1010000	•	
62	10425	Signs (exterior)	21 Feb 00		21 Feb 00	4	
62-R1	10425	Signs (exterior)	14 July 00		14 July 00	2	colors for SU
62-R1a	10425	Signs (exterior)	N/A		7 August 00	5	art for IHS logo
63	10350	Flagpole	23 Feb 00		28 Feb 00	2	
64	04815	Unit masonry – glass block	25 Feb 00		28 Feb 00	1/4	
64-R1	04815	Unit masonry – glass block, samples	9 Mar 00		13 Mar 00	1/4	partial set
64-R2	04815	Unit masonry – glass block, samples	29 Mar 00		30 Mar 00	1/4	
64-R3	04815	Unit masonry – glass block, mortar mix	15 Aug 00		15 Aug 00	2	
65	07210	Insulation – sound attenuation	28 Feb 00		28 Feb 00	1	
66	02668/02669	Water mains/fire service mains/piping	28 Feb 00	eng inc	21 Mar 00	1	
67	12511	Window shades	29 Feb 00		1 Mar OO	1	
68	09950	Wall coverings	13 Mar 00		15 Mar 00	1/4	from sub/suppliers
68-R1	09950	Wall covering – border product data	29 Mar 00		29 Mar 00	1/4	
68-R2	09950	Wall covering - samples	17 Apr 00		17 Apr 00	1/4	samples only
69	03300	Concrete design mix (4000 psi) – 2 nd	29 Mar 00	cta (s)	30 Mar 00	3	also see #53
70	15325	Fire protection	29 Mar 00		12 Apr 00	4	
70-R1	15325	Fire protection	4 May OO		15 May 00	1	
71	05500	Metal fence and gate	31 Mar 00		3 Apr 00	2/4	
71-R1	05500	Metal fence and gate	30 June 00		5 July OO	2	
72	05120	Structural steel – area B	31 Mar 00	cta (s)	12 Apr 00	4	
72-R1	05120	Structural steel – area B	26 Apr 00	cta (s)	10 May 00	2	direct from WMK
	NOTE: Sub	omittal 72-R1 was "reviewed" in a team settir	ng with S&H, WMK,				
70 D0		et is to be prepared by WMK for issuing to al		ata (a)	20 luna 00	_	"record cot"
72-R2	05120	Structural steel – area B	19 June 00	cta (s)	20 June 00	5	"record set"

BILLINGS, MONTANA 59102 LA OLSON & ASSOCIATES, INC. 2526 GRAND AVENUE

BLACKFEET COMMUNITY HOSPITAL

EXPANSION & RENOVATION – PHASES 1 & 2

SUBMITTAL	CSI Division	DESCRIPTION	Received	Consultant	RETURNED	Action	Remarks
7.0	05100/05010	Missellans and start and D	24 May 22	-1- (-)	10 4 00	4	
73	05120/05210	Miscellaneous steel – area B	31 Mar 00	cta (s)	12 Apr 00	4	
74 75	15900	Temperature controls	6 Apr 00		12 Apr 00	2/4	
75	15975	Variable speed controllers	6 Apr 00		7 Apr 00	1	
76	15485	Medical gas certification	5 Apr 00		7 Apr OO	1	
77	01300	Project schedule	14 Apr 00		17 Apr 00	2	
78	15430	Yard hydrant	14 Apr 00		21 Apr 00	1	
79	05521	Pipe railings Audiology	14 Apr OO		17 Apr 00	2	
80	07241	EIFS	17 Apr 00		17 Apr 00	1/4	
80-R1	07241	EIFS	26 May 00		26 May 00	3	
80-R2	07241	EIFS	19 June 00		20 June 00	4	
80-R3	07241	EIFS	7 August 00		7 August 00	1	
81	05120/05210	Miscellaneous steel – exterior	5 May 00	cta (s)	17 May 00	2	pavilion, etc.
82	07532	Single ply membrane roofing	5 May OO		8 May OO	3	mech. fastened
AA	15990	Test and balance report	10 May 00		15 May 00	4	
83	07160	Dampproofing	23 May 00		26 May 00	4	
83-R1	07160	Dampproofing	12 June 00		13 June 00	3	
83-R2	07160	Dampproofing	22 June 00		27 June 00	1	
84	03051	Concrete color additive	7 June 00		8 June 00	4	
84-R1	03051	Concrete color additive	13 June 00		13 June 00	5	color charts
84-R2	03051	Concrete color additive	25 July 00		25 July 00	2	samples
04-112	03031	Concrete color additive	25 July 00		25 July 00	2	Samples
85	08550	Wood windows (vinyl clad)	7 June 00		8 June 00	4	
85-R1	08550	Wood windows (vinyl clad)	26 June 00		27 June 00	4	
85-R2	08550	Wood windows (vinyl clad)	25 July 00		25 July 00	2	
86	05580	Metal column covers	12 June 00		16 June 00	4	
86-R1	05580	Metal column covers	7 August 00		7 August 00	4	
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LA OLSON & ASSOCIATES, INC. 2526 GRAND AVENUE BILLINGS, MONTANA 59102

BLACKFEET COMMUNITY HOSPITAL

EXPANSION & RENOVATION – PHASES 1 & 2

Submittal	CSI Division	Description	Received	Consultant	RETURNED	Action	Remarks
87	05210/05310	Steel joists & deck - helistop	12 June 00	cta(s)	20 June 00	1	
88	08720	Door operators	13 June 00		13 June 00	4	
88-R1	08720	Door operators	25 July 00		25 July 00	1/2	
		•	,		,		
89	05120/05521	Structural & miscellaneous steel – helistop	21 June 00	cta(s)	26 July 00	2	
90	09305	Exterior ceramic tile	17 July 00		17 July OO	2	
91	09451	Interior stone facing	17 July 00		17 July 00	2	sample only
92	07815	Plastic unit walkway canopies	3 August 00		7 August 00	2	
93	09310	Ceramic tile	9 August 00		9 August 00	1/4	samples only, partial
94	02235	Gravel base course	10 August 00	eng inc	16 August 00	1	
95	02520	Concrete for curbs, gutters & sidewalks	10 August 00	eng inc	16 August 00	1	3000 psi
96	07532	Roof plan	17 August 00		23 August 00	3	see #82
97	14240	Elevator	22 August 00	cta(e)	20 / lagust 00	J	
98	02821	Chain link fence (fabric)	24 August 00		24 August 00	1/4	